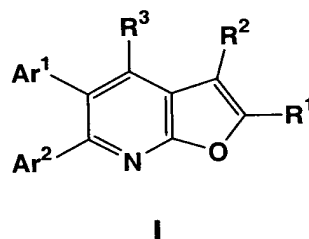


Amendments to the Claims

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of the Claims

Claim 1. (original) A compound of structural formula I:



wherein:

R¹ is selected from:

- (1) C₁₋₁₀alkyl,
- (2) C₂₋₁₀ alkenyl,
- (3) C₂₋₁₀alkynyl,
- (4) -CN,
- (5) -COR⁴,
- (6) -S(O)_mR⁴,
- (7) -S(O)₂NH(CO)_nNR^e,
- (8) cycloheteroalkyl,
- (9) aryl, and
- (10) heteroaryl,

wherein alkyl, alkenyl, and alkynyl are optionally substituted with one, two, or three substituents independently selected from R^a, and cycloheteroalkyl, aryl and heteroaryl are optionally substituted with one, two, or three substituents independently selected from R^b;
R² is selected from:

- (1) hydrogen,
- (2) -NR⁵R⁶,
- (3) -COR⁴,
- (4) C₁₋₆alkyl,
- (5) C₂₋₆ alkenyl,
- (6) C₂₋₆alkynyl,
- (7) aryl,
- (8) arylC₁₋₆alkyl-,

- (9) arylC₂₋₆alkenyl,
- (10) heteroaryl,
- (11) heteroarylC₁₋₆alkyl-,
- (12) heteroarylC₂₋₆alkenyl,
- (13) cycloheteroalkyl,
- (14) hydroxyl, and
- (15) ORg,

wherein alkyl, alkenyl, and alkynyl are optionally substituted with one, two, or three substituents independently selected from R^a; and aryl and heteroaryl are optionally substituted with one, two, or three substituents independently selected from R^b, and cycloheteroalkyl is optionally substituted with one, two, three or four substituents independently selected from R^b and oxo;

R³ is selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl,
- (3) C₁₋₆alkyloxy,
- (4) trifluoromethyl,
- (5) trifluoromethoxy,
- (6) halo, and
- (7) C₃₋₇cycloalkyl,

wherein alkyl, and cycloalkyl are optionally substituted with one, two, or three substituents independently selected from R^a;

R⁴ is selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) C₂₋₁₀ alkenyl,
- (4) C₂₋₁₀alkynyl,
- (5) cycloalkyl,
- (6) cycloalkyl-C₁₋₁₀alkyl,
- (7) cycloheteroalkyl,
- (8) cycloheteroalkyl-C₁₋₁₀ alkyl,
- (9) aryl,
- (10) heteroaryl,
- (11) aryl-C₁₋₁₀alkyl,
- (12) heteroaryl-C₁₋₁₀alkyl-,
- (13) -OR^e,
- (14) -NR^dR^e,

- (15) $-\text{NH}(\text{CO})\text{OR}^e$, and
(16) $-\text{NR}^d\text{SO}_2\text{R}^e$,

wherein alkyl, alkenyl, alkynyl and cycloalkyl are optionally substituted with one, two, three or four substituents independently selected from R^a , and cycloheteroalkyl, aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b ;

R^5 and R^6 are each independently selected from:

- (1) hydrogen,
- (2) C_{1-10} alkyl,
- (3) C_{2-10} alkenyl,
- (4) C_{2-10} alkynyl,
- (5) aryl,
- (6) heteroaryl,
- (7) cycloalkyl,
- (8) trifluoromethyl,
- (9) $-\text{C}(\text{O})-\text{R}^c$,
- (10) $-\text{CO}_2\text{R}^c$,
- (11) $-\text{C}(\text{O})\text{C}(\text{O})\text{OR}^c$,
- (12) $-\text{C}(\text{O})\text{C}(\text{O})\text{NR}^e\text{R}^f$,
- (13) $-\text{S}(\text{O})_m\text{R}^c$, and
- (14) $-\text{C}(\text{O})\text{N}(\text{R}^d)\text{S}(\text{O})_m\text{R}^c$,

wherein alkyl, alkenyl, alkynyl, and cycloalkyl may be optionally substituted with one or two R^a substituents, and aryl may be optionally substituted with one or two R^b substituents, or R^5 and R^6 together form $=\text{CH}-\text{N}(\text{R}^e)(\text{R}^f)$;

Ar^1 and Ar^2 are independently selected from:

- (1) aryl,
- (2) heteroaryl,

wherein aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b ;

each R^a is independently selected from:

- (1) $-\text{OR}^e$,
- (2) $-\text{NR}^d\text{S}(\text{O})_m\text{R}^c$,
- (3) $-\text{NO}_2$,
- (4) halogen,
- (5) $-\text{S}(\text{O})_m\text{R}^c$,
- (6) $-\text{SR}^e$,
- (7) $-\text{S}(\text{O})_2\text{OR}^e$,

- (8) $-S(O)_mNReR^f$,
- (9) $-NReR^f$,
- (10) $-O(CReR^f)_nNReR^f$,
- (11) $-C(O)R^c$,
- (12) $-CO_2R^c$,
- (13) $-CO_2(CReR^f)_nCONReR^f$,
- (14) $-OC(O)R^c$,
- (15) $-CN$,
- (16) $-C(O)NReR^f$,
- (17) $-NR^dC(O)R^c$,
- (18) $-NR^dC(O)OR^e$,
- (19) $-NR^dC(O)NR^dRe$,
- (20) $-CR^d(N-OR^e)$,
- (21) CF_3 ,
- (22) $-OCF_3$,
- (23) C_{3-8} cycloalkyl, and
- (24) cycloheteroalkyl;

each R^b is independently selected from:

- (1) R^a ,
- (2) C_{1-10} alkyl,
- (3) aryl,
- (4) aryl C_{1-4} alkyl,
- (5) heteroaryl, and
- (6) heteroaryl C_{1-4} alkyl,

wherein aryl and heteroaryl are unsubstituted or substituted with one, two or three substituents independently selected from R^h ;

each R^c is independently selected from:

- (1) hydrogen,
- (2) C_{1-10} alkyl,
- (3) C_{2-10} alkenyl,
- (4) C_{2-10} alkynyl,
- (5) C_{1-8} perfluoroalkyl,
- (6) cycloalkyl,
- (7) cycloalkyl- C_{1-10} alkyl,
- (8) cycloheteroalkyl,
- (9) cycloheteroalkyl- C_{1-10} alkyl,

- (10) aryl,
- (11) heteroaryl,
- (12) aryl-C₁₋₁₀alkyl,
- (13) heteroaryl-C₁₋₁₀alkyl, and
- (14) -NR^dR^d,

wherein alkyl, cycloalkyl, cycloheteroalkyl, phenyl, and heteroaryl may be substituted with one or two R^h substituents, and alkyl, cycloalkyl, cycloheteroalkyl may be substituted on a carbon or sulfur atom with one or two oxo substituents;

each R^d is independently selected from hydrogen, C₁₋₁₀alkyl, C₁₋₁₀alkylcarbonyl-, arylsulfonyl, C₁₋₁₀alkylsulfonyl, wherein the alkyl and aryl groups may be unsubstituted or substituted with one, two or three substituents independently selected from R^h wherein the alkyl may be unsubstituted or substituted with one, two or three substituents independently selected from R^h;

R^e and R^f are independently selected from hydrogen, C₁₋₁₀alkyl, C₂₋₁₀ alkenyl, C₂₋₁₀alkynyl, trifluoromethyl, cycloalkyl, cycloalkyl-C₁₋₁₀alkyl, cycloheteroalkyl, cycloheteroalkyl-C₁₋₁₀alkyl, aryl, heteroaryl, aryl-C₁₋₁₀alkyl, and heteroaryl-C₁₋₁₀alkyl at each occurrence; or

when bonded to the same atom, R^e and R^f together with the atom to which they are attached form a ring of 5 to 7 members containing 0, 1, or 2 heteroatoms independently selected from oxygen, sulfur and nitrogen; and

each R^e and R^f may be unsubstituted or substituted on a carbon or nitrogen atom with one, two or three substituents selected from R^h;

R^g is selected from:

- (1) C₁₋₁₀alkyl,
- (2) C₁₋₁₀alkylcarbonyl-,
- (3) aryl,
- (4) arylcarbonyl,
- (5) C₁₋₁₀alkylsulfonyl, and
- (6) arylsulfonyl,

wherein each alkyl may be unsubstituted or substituted with one, two or three R^a substituents, and each aryl may be unsubstituted or substituted with one, two or three R^b substituents; each R^h is independently selected from:

- (1) halogen,
- (2) C₁₋₁₀alkyl,
- (3) C₃₋₈cycloalkyl,
- (4) cycloheteroalkyl,
- (5) aryl,

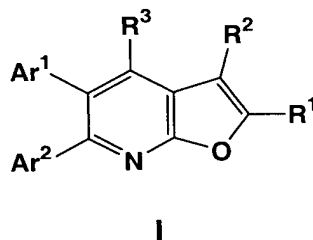
- (6) arylC₁₋₄alkyl,
- (7) heteroaryl,
- (8) heteroarylC₁₋₄alkyl,
- (9) -OR^e,
- (10) -NR^dS(O)_mR^e,
- (11) -S(O)_mR^c,
- (12) -SR^e,
- (13) -S(O)₂OR^e,
- (14) -NR^eR^e,
- (15) -O(CR^dR^d)_nNR^eR^f,
- (16) -C(O)R^c,
- (17) -CO₂R^e,
- (18) -CO₂(CR^dR^d)_nCONR^eR^f,
- (19) -OC(O)R^e,
- (20) -CN,
- (21) -C(O)NR^eR^f,
- (22) -NR^dC(O)R^e,
- (23) -OC(O)NR^eR^f,
- (24) -NR^dC(O)OR^e,
- (25) -NR^dC(O)NR^eR^f,
- (26) CF₃, and
- (27) -OCF₃,

m is selected from 1 and 2; and

n is selected from 1, 2, and 3;

or a pharmaceutically acceptable salt thereof.

Claim 2. (original) A compound of structural formula I:



wherein;

R¹ is selected from:

- (1) C₁₋₁₀alkyl,

- (2) C₂-10 alkenyl,
- (3) C₂-10 alkynyl,
- (4) -CN,
- (5) -COR⁴,
- (6) -S(O)_mR⁴,
- (7) -S(O)₂NH(CO)_nNR^e,
- (8) aryl, and
- (9) heteroaryl,

wherein alkyl, alkenyl, and alkynyl are optionally substituted with one, two, or three substituents independently selected from R^a, and aryl and heteroaryl are optionally substituted with one, two, or three substituents independently selected from R^b;

R² is selected from:

- (1) hydrogen,
- (2) -NR⁵R⁶,
- (3) -COR⁴,
- (4) C₁-6 alkyl,
- (5) C₂-6 alkenyl,
- (6) C₂-6 alkynyl,
- (7) aryl,
- (8) heteroaryl,
- (9) cycloheteroalkyl,
- (10) hydroxyl, and
- (11) OR_g,

wherein alkyl, alkenyl, and alkynyl are optionally substituted with one, two, or three substituents independently selected from R^a; and aryl, heteroaryl, and cycloheteroalkyl are optionally substituted with one, two, or three substituents independently selected from R^b;

R³ is selected from:

- (1) hydrogen,
- (2) C₁-6 alkyl,
- (3) C₁-6 alkyloxy,
- (4) trifluoromethyl,
- (5) trifluoromethoxy,
- (6) halo, and
- (7) C₃-7 cycloalkyl,

wherein alkyl, and cycloalkyl are optionally substituted with one, two, or three substituents independently selected from R^a;

R⁴ is selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) C₂₋₁₀ alkenyl,
- (4) C₂₋₁₀alkynyl,
- (5) cycloalkyl,
- (6) cycloalkyl-C₁₋₁₀alkyl,
- (7) cycloheteroalkyl,
- (8) cycloheteroalkyl-C₁₋₁₀ alkyl,
- (9) aryl,
- (10) heteroaryl,
- (11) aryl-C₁₋₁₀alkyl-,
- (12) heteroaryl-C₁₋₁₀alkyl-,
- (13) -OR^e,
- (14) -NR^dR^e,
- (15) -NH(CO)OR^e, and
- (16) -NR^dSO₂R^e,

wherein alkyl, alkenyl, alkynyl and cycloalkyl are optionally substituted with one, two, three or four substituents independently selected from R^a, and cycloheteroalkyl, aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b;

R⁵ and R⁶ are each independently selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,
- (3) C₂₋₁₀ alkenyl,
- (4) C₂₋₁₀alkynyl,
- (5) aryl,
- (6) cycloalkyl,
- (7) trifluoromethyl,
- (8) -C(O)-R^c,
- (9) -CO₂R^c, and
- (10) -S(O)_mR^c,

wherein alkyl, alkenyl, alkynyl, and cycloalkyl may be optionally substituted with one or two R^a substituents, and aryl may be optionally substituted with one or two R^b substituents;

Ar¹ and Ar² are independently selected from:

- (1) aryl,
- (2) heteroaryl,

wherein aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b;

each R^a is independently selected from:

- (1) -OR^e,
- (2) -NR^dS(O)_mR^c,
- (3) -NO₂,
- (4) halogen,
- (5) -S(O)_mR^c,
- (6) -SR^e,
- (7) -S(O)₂OR^e,
- (8) -S(O)_mNR^eR^f,
- (9) -NR^eR^f,
- (10) -O(CR^eR^f)_nNR^eR^f,
- (11) -C(O)R^c,
- (12) -CO₂R^c,
- (13) -CO₂(CR^eR^f)_nCONR^eR^f,
- (14) -OC(O)R^c,
- (15) -CN,
- (16) -C(O)NR^eR^f,
- (17) -NR^dC(O)R^c,
- (18) -NR^dC(O)OR^e,
- (19) -NR^dC(O)NR^dR^e,
- (20) -CR^d(N-OR^e),
- (21) CF₃,
- (22) -OCF₃,
- (23) C₃₋₈cycloalkyl, and
- (24) cycloheteroalkyl;

each R^b is independently selected from:

- (1) R^a,
- (2) C₁₋₁₀alkyl,
- (3) aryl,
- (4) arylC₁₋₄alkyl,
- (5) heteroaryl, and
- (6) heteroarylC₁₋₄alkyl;

each R^c is independently selected from:

- (1) hydrogen,
- (2) C₁₋₁₀alkyl,

- (3) C₂-10 alkenyl,
- (4) C₂-10alkynyl,
- (5) trifluoromethyl,
- (6) cycloalkyl,
- (7) cycloalkyl-C₁-10alkyl,
- (8) cycloheteroalkyl,
- (9) cycloheteroalkyl-C₁-10 alkyl,
- (10) aryl,
- (11) heteroaryl,
- (12) aryl-C₁-10alkyl,
- (13) heteroaryl-C₁-10alkyl, and
- (14) -NR^dR^d,

wherein alkyl, cycloalkyl, cycloheteroalkyl, phenyl, and heteroaryl may be substituted with one or two R^h substituents;

each R^d is independently selected from hydrogen and C₁-10alkyl;

R^e and R^f are independently selected from hydrogen, C₁-10alkyl, C₂-10 alkenyl, C₂-10alkynyl, trifluoromethyl, cycloalkyl, cycloalkyl-C₁-10 alkyl, cycloheteroalkyl, cycloheteroalkyl-C₁-10 alkyl, aryl, heteroaryl, aryl-C₁-10 alkyl, and heteroaryl-C₁-10 alkyl at each occurrence; or

when bonded to the same atom, R^e and R^f together with the atom to which they are attached form a ring of 5 to 7 members containing 0, 1, or 2 heteroatoms independently selected from oxygen, sulfur and nitrogen; and

each R^e and R^f may be unsubstituted or substituted on a carbon or nitrogen atom with one, two or three substituents selected from R^h;

R^g is selected from:

- (1) C₁-10alkyl,
- (2) C₁-10alkylcarbonyl-,
- (3) aryl,
- (4) arylcarbonyl,
- (5) C₁-10alkylsulfonyl, and
- (6) arylsulfonyl,

wherein each alkyl may be unsubstituted or substituted with one, two or three R^a substituents, and each aryl may be unsubstituted or substituted with one, two or three R^b substituents;

each R^h is independently selected from:

- (1) halogen,
- (2) C₁-10alkyl,
- (3) C₃-8cycloalkyl,

- (4) cycloheteroalkyl,
- (5) aryl,
- (6) arylC₁₋₄alkyl,
- (7) heteroaryl,
- (8) heteroarylC₁₋₄alkyl,
- (9) -OR^e,
- (10) -NR^dS(O)_mR^e,
- (11) -S(O)_mR^c,
- (12) -SR^e,
- (13) -S(O)₂OR^e,
- (14) -NR^eR^e,
- (15) -O(CR^dR^d)_nNR^eR^f,
- (16) -C(O)R^c,
- (17) -CO₂R^e,
- (18) -CO₂(CR^dR^d)_nCONR^eR^f,
- (19) -OC(O)R^e,
- (20) -CN,
- (21) -C(O)NR^eR^f,
- (22) -NR^dC(O)R^e,
- (23) -OC(O)NR^eR^f,
- (24) -NR^dC(O)OR^e,
- (25) -NR^dC(O)NR^eR^f,
- (26) CF₃, and
- (27) -OCF₃,

m is selected from 1 and 2; and

n is selected from 1, 2, and 3;

or a pharmaceutically acceptable salt thereof.

Claim 3. (original) The compound according to Claim 2, wherein R³ is selected from:

- (1) hydrogen,
- (2) methyl,
- (3) ethyl,
- (4) propyl,
- (5) t-butyl,
- (6) methoxy,
- (7) ethyloxy,

- (8) propyloxy,
- (9) t-butyloxy,
- (10) trifluoromethyloxy,
- (11) trifluoromethyl,
- (12) halo, and
- (13) cyclopropyl,

wherein the alkyl and cyclopropyl moieties are optionally substituted with one or two substituents independently selected from: halo, trifluoromethyl, methoxy, ethyloxy, methoxycarbonyl, and carboxyl; and pharmaceutically acceptable salts thereof.

Claim 4. (original) The compound according to Claim 3, wherein Ar¹ and Ar² are each independently selected from:

- (1) phenyl, and
- (2) pyridyl,

wherein phenyl and pyridyl are optionally substituted with one or two R^b substituents; and pharmaceutically acceptable salts thereof.

Claim 5. (original) The compound according to Claim 4, wherein Ar¹ and Ar² are each independently selected from:

- (1) phenyl, and
- (2) pyridyl;

wherein phenyl and pyridyl are optionally substituted with one or two halogen, methyl, trifluoromethyl or cyano substituents, and pharmaceutically acceptable salts thereof.

Claim 6. (original) The compound according to Claim 4, wherein R¹ is selected from:

- (1) C₁₋₆alkyl,
- (2) cyano,
- (3) C₁₋₆alkylcarbonyl,
- (4) cycloalkylcarbonyl,
- (5) cycloheteroalkylcarbonyl,
- (6) phenylcarbonyl,
- (7) heteroarylcarbonyl,
- (8) C₁₋₆alkyloxycarbonyl,
- (9) trifluoromethyloxycarbonyl,
- (10) cycloalkyloxycarbonyl,

- (11) $-\text{CON}(\text{CH}_3)_2$,
- (12) $-\text{CONH}(\text{CH}_3)$,
- (13) $-\text{CONH}(\text{CF}_3)$,
- (14) $-\text{CON}(\text{CH}_2\text{CH}_3)_2$,
- (15) $-\text{CONH}(\text{CH}_2\text{CH}_3)$,
- (16) $-\text{CONH}(\text{cyclopropyl})$,
- (17) $-\text{CON}(\text{cyclopropyl})_2$,
- (18) C_{1-6} alkylsulfonyl-,
- (19) cycloalkylsulfonyl-,
- (20) cycloheteroalkylsulfonyl-,
- (21) phenylsulfonyl-,
- (22) heteroarylsulfonyl-,
- (23) C_{1-6} alkyloxysulfonyl-,
- (24) trifluoromethyloxysulfonyl-,
- (25) cycloalkyloxysulfonyl-,
- (26) cycloheteroalkyloxysulfonyl-,
- (27) phenyloxysulfonyl-,
- (28) heteroaryloxysulfonyl-,
- (29) $-\text{S}(\text{O})_2\text{NR}^{\text{dRe}}$,
- (30) $-\text{S}(\text{O})_2\text{NH}(\text{CO})\text{C}_{1-6}$ alkyl, and
- (31) $-\text{S}(\text{O})_2\text{NH}(\text{CO})\text{aryl}$;

wherein alkyl, and cycloalkyl are optionally substituted with one, or two substituents independently selected from R^{a} , and cycloheteroalkyl, aryl, and heteroaryl are optionally substituted with one or two substituents independently selected from R^{b} ;
each R^{a} is independently selected from:

- (1) $-\text{OR}^{\text{e}}$,
- (2) halogen,
- (3) $-\text{S}(\text{O})_2\text{R}^{\text{c}}$,
- (4) $-\text{SR}^{\text{e}}$,
- (5) $-\text{S}(\text{O})_2\text{OR}^{\text{e}}$,
- (6) $-\text{S}(\text{O})_2\text{NR}^{\text{eRf}}$,
- (7) $-\text{NR}^{\text{eRf}}$,
- (8) $-\text{C}(\text{O})\text{R}^{\text{c}}$,
- (9) $-\text{CO}_2\text{R}^{\text{c}}$,
- (10) $-\text{CN}$,
- (11) $-\text{CH}(\text{N}-\text{OR}^{\text{e}})$,
- (12) CF_3 ,

- (13) $-\text{OCF}_3$,
- (14) C_3 -8cycloalkyl, and
- (15) cycloheteroalkyl;

each R^b is independently selected from:

- (1) $-\text{OR}^e$,
- (2) halogen,
- (3) $-\text{S}(\text{O})_2\text{R}^c$,
- (4) $-\text{SH}$,
- (5) $-\text{SCH}_3$,
- (6) $-\text{NR}^e\text{R}^f$,
- (7) $-\text{C}(\text{O})\text{R}^c$,
- (8) $-\text{CO}_2\text{R}^c$,
- (9) $-\text{CN}$,
- (10) CF_3 ,
- (11) $-\text{OCF}_3$,
- (12) C_3 -8cycloalkyl,
- (13) cycloheteroalkyl;
- (14) C_1 -4alkyl,
- (15) phenyl,
- (16) benzyl,
- (17) heteroaryl, and
- (18) heteroarylmethyl;

each R^c is independently selected from:

- (1) hydrogen,
- (2) C_1 -6alkyl,
- (3) trifluoromethyl,
- (4) cycloalkyl,
- (5) cycloheteroalkyl,
- (6) phenyl,
- (7) heteroaryl, and
- (8) $-\text{NR}^d\text{R}^d$,

wherein alkyl, cycloalkyl, cycloheteroalkyl, phenyl, and heteroaryl may be substituted with one or two R^h substituents;

each R^d is independently selected from:

- (1) hydrogen, and
- (2) C_1 -6 alkyl;

each R^e is independently selected from: hydrogen, C₁₋₄alkyl, trifluoromethyl, cyclopropyl, cyclopentyl, cyclohexyl, phenyl, pyridyl, pyridinyl, pyrazinyl, pyridazinyl, benzyl, and pyridylmethyl, pyrazinylmethyl, and pyridazinylmethyl at each occurrence, either unsubstituted or substituted on a carbon or nitrogen atom with one or two substituents selected from R^h;

each R^f is independently selected from: hydrogen, C₁₋₄alkyl, trifluoromethyl, cyclopropyl, cyclopentyl, cyclohexyl, cycloheteroalkyl, phenyl, pyridyl, pyridinyl, pyrazinyl, pyridazinyl, benzyl, pyridylmethyl, pyridinylmethyl, pyrazinylmethyl, and pyridazinylmethyl at each occurrence, either unsubstituted or substituted on a carbon or a cycloheteroalkyl nitrogen atom with one or two substituents selected from R^h;

or R^e and R^f, together with the atom to which they are attached form a ring selected from: pyrrolidinyl, piperidinyl, morpholinyl, 1-thia-4-azacyclohexyl, azacycloheptyl, unsubstituted or substituted on a carbon or nitrogen atom with one or two or three substituents selected from R^h;

R^g is selected from:

- (1) C₁₋₆alkyl,
- (2) methylcarbonyl-,
- (3) phenyl,
- (4) phenylcarbonyl,
- (5) methylsulfonyl, and
- (6) phenylsulfonyl,

wherein each alkyl may be unsubstituted or substituted with an R^a substituent, and each phenyl may be unsubstituted or substituted with one or two R^b substituents;

each R^h is independently selected from:

- (1) halogen,
- (2) hydroxy,
- (3) methyl,
- (4) methoxy,
- (5) methylthio-,
- (6) -CN,
- (7) -CF₃, and
- (8) -OCF₃;

and pharmaceutically acceptable salts thereof.

Claim 7. (currently amended)
wherein R² is selected from:

The compound according to Claim 6,

- (1) hydrogen,
- (2) $-NR^5R^6$,
- (3) $-COR^4$,
- (4) C_{1-6} alkyl, unsubstituted or substituted with one or two R^a substituents,
- (5) phenyl, unsubstituted or substituted with one or two R^b substituents,
- (6) heteroaryl selected from: pyridinyl, benzimidazolyl, imidazolyl, oxazolidinyl, , pyrimidyl, pyridazinyl, pyrazinyl, triazolyl, and benzotriazolyl[[.]], wherein the heteroaryl may be unsubstituted or substituted on one or two carbon atoms with R^b ,
- (7) a nitrogen-linked 5 to 7 membered ring, optionally containing one other heteroatom selected from nitrogen, sulfur and oxygen, unsubstituted or substituted on nitrogen or carbon with an R^b substituent,
- (8) hydroxyl, and
- (9) Org ,

and pharmaceutically acceptable salts thereof.

Claim 8. (original). The compound according to Claim 7, wherein:

R^4 is selected from:

- (1) hydrogen,
- (2) C_{1-6} alkyl,
- (3) cycloalkyl,
- (4) cycloheteroalkyl,
- (5) phenyl,
- (6) heteroaryl,
- (7) aryl- C_{1-3} alkyl,
- (8) heteroaryl- C_{1-3} alkyl-,
- (9) $-OR^e$,
- (10) $-NR^dR^e$,
- (11) $-NH(CO)OR^e$, and
- (12) $-NHSO_2R^e$,

wherein alkyl and cycloalkyl are optionally substituted with one, or two substituents independently selected from R^a , and cycloheteroalkyl, aryl and heteroaryl are optionally substituted with one or two substituents independently selected from R^b ;

R^5 is selected from:

- (1) hydrogen,
- (2) C_{1-4} alkyl,
- (3) phenyl,

- (4) cyclopropyl,
- (5) cyclopentyl,
- (6) cyclohexyl,
- (7) trifluoromethyl,
- (8) methylcarbonyl-,
- (9) methoxycarbonyl-,
- (10) hydroxycarbonyl-, and
- (11) $-S(O)_2CH_3$;

R⁶ is selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl,
- (3) trifluoromethyl,
- (4) phenyl,
- (5) cycloalkyl,
- (6) $-C(O)-R^c$,
- (7) $-CO_2R^c$, and
- (8) $-S(O)_2R^c$,

wherein phenyl may be substituted with one or two R^b substituents;
and pharmaceutically acceptable salts thereof.

Claim 9. (currently amended)

The compound according to Claim 1,

wherein:

R¹ is selected from:

- (1) C₁₋₁₀alkyl,
- (2) $-CN$,
- (3) $-COR^4$,
- (4) $-S(O)_2R^4$,
- (5) cycloheteroalkyl,
- (6) aryl, and
- (7) heteroaryl,

wherein alkyl is optionally substituted with one, two, or three substituents independently selected from R^a, and cycloheteroalkyl, aryl and heteroaryl are optionally substituted with one, two, or three substituents independently selected from R^b;

R² is selected from:

- (1) hydrogen,
- (2) $-NR^5R^6$,
- (3) $-COR^4$,

- (4) C₁₋₆alkyl, unsubstituted or substituted with one or two R^a substituents,
- (5) phenyl, unsubstituted or substituted with one or two R^b substituents,
- (6) phenylC₁₋₃alkyl-,
- (7) heteroaryl,
- (8) heteroarylC₁₋₃alkyl-,
- (9) a nitrogen-linked 5 to 7 membered ring, optionally containing one other heteroatom selected from nitrogen, sulfur and oxygen, unsubstituted or substituted on nitrogen, sulfur or carbon with one, two, three or four substituents selected from R^b and oxo,
- (10) hydroxyl, and
- (11) OR_g;

wherein alkyl is optionally substituted with one or two substituents independently selected from R^a, and phenyl is optionally substituted with one or two substituents independently selected from R^b, and heteroaryl is selected from: pyridinyl, benzimidazolyl, imidazolyl, oxazolidinyl,[[,]] pyrimidyl, pyridazinyl, pyrazinyl, triazolyl, and benzotriazolyl, wherein the heteroaryl may be unsubstituted or substituted on one or two carbon atoms with R^b;

R³ is hydrogen;

R⁴ is selected from:

- (1) methyl,
- (2) ethyl, unsubstituted or substituted with one or two substituents selected from halo, OR^e, and -OC(O)R^c,
- (3) isopropyl, unsubstituted or substituted with one or two substituents from halo, OR^e, and -OC(O)R^c,
- (4) n-propyl, unsubstituted or substituted with one or two substituents selected from halo, OR^e, and -OC(O)R^c,
- (5) t-butyl, unsubstituted or substituted with one or two substituents selected from from halo, OR^e, and -OC(O)R^c,
- (6) C₃₋₆ cycloalkyl,
- (7) phenyl, unsubstituted or substituted with one or two substituents selected from halo, methyl, trifluoromethyl, methoxy, methoxycarbonyl, -NHC(O)R^c, and carboxyl,
- (8) phenyl-C₁₋₃alkyl, wherein the alkyl moiety is unsubstituted or substituted with a substituent selected from: halo, methyl, trifluoromethyl, methoxy, methoxy carbonyl, carboxyl, and -NHC(O)R^c,

- (9) heteroaryl selected from furanyl, pyridyl and imidazolyl, unsubstituted or substituted with one or two substituents selected from halo, methyl, trifluoromethyl, methoxy, methoxycarbonyl, and carboxyl,
- (10) cycloheteroalkyl, selected from morpholinyl, piperidinyl, pyrrolidinyl, piperazinyl, imidazolidinyl, azetidiny, azabicyclo[3.1.0]hexyl, and isothiazolidinyl, unsubstituted or substituted with methyl or $-\text{CO}_2\text{R}^c$,
- (11) methoxy,
- (12) ethyloxy,
- (13) t-butyloxy,
- (14) isopropoxy, and
- (15) $-\text{NR}^d\text{R}^e$;

R^5 is selected from:

- (1) hydrogen,
- (2) C_{1-4} alkyl,
- (3) C_{2-4} alkenyl,
- (4) phenyl,
- (5) cycloalkyl,
- (6) trifluoromethyl,
- (7) methylcarbonyl-,
- (8) methoxycarbonyl-,
- (9) t-butyloxycarbonyl,
- (10) hydroxycarbonyl-,
- (11) $-\text{C}(\text{O})\text{C}(\text{O})\text{OR}^c$,
- (12) $-\text{C}(\text{O})\text{C}(\text{O})\text{NR}^e\text{R}^f$,
- (13) $-\text{S}(\text{O})_2\text{R}^c$, and
- (14) $-\text{C}(\text{O})\text{N}(\text{R}^d)\text{S}(\text{O})\text{mR}^c$,

wherein alkyl, alkenyl, and cycloalkyl may optionally be substituted with one or two R^a substituents, and phenyl may be substituted with one or two R^b substituents;

R^6 is selected from:

- (1) hydrogen,
- (2) C_{1-6} alkyl,
- (3) C_{2-6} alkenyl,
- (4) trifluoromethyl,
- (5) phenyl,
- (6) heteroaryl,
- (7) cycloalkyl,
- (8) $-\text{C}(\text{O})-\text{R}^c$,

- (9) $-\text{CO}_2\text{R}^c$,
- (10) $-\text{C}(\text{O})\text{C}(\text{O})\text{OR}^c$,
- (11) $-\text{C}(\text{O})\text{C}(\text{O})\text{NR}^e\text{R}^f$,
- (12) $-\text{S}(\text{O})_2\text{R}^c$, and
- (13) $-\text{C}(\text{O})\text{N}(\text{R}^d)\text{S}(\text{O})_m\text{R}^c$,

wherein alkyl, alkenyl, alkynyl, and cycloalkyl may be optionally substituted with one or two R^a substituents, and aryl may be optionally substituted with one or two R^b substituents;
or R^5 and R^6 together form $=\text{CH}-\text{N}(\text{R}^e)(\text{R}^f)$;
 Ar^1 is 4-chlorophenyl;
 Ar^2 is 2,4-dichlorophenyl or 2-chlorophenyl;
each R^a is independently selected from:

- (1) $-\text{OR}^e$,
- (2) $-\text{NR}^d\text{S}(\text{O})_m\text{R}^c$,
- (3) $-\text{NO}_2$,
- (4) halogen,
- (5) $-\text{S}(\text{O})_m\text{R}^c$,
- (6) $-\text{SR}^e$,
- (7) $-\text{S}(\text{O})_2\text{OR}^e$,
- (8) $-\text{S}(\text{O})_m\text{NR}^e\text{R}^f$,
- (9) $-\text{NR}^e\text{R}^f$,
- (10) $-\text{O}(\text{CR}^e\text{R}^f)_n\text{NR}^e\text{R}^f$,
- (11) $-\text{C}(\text{O})\text{R}^c$,
- (12) $-\text{CO}_2\text{R}^c$,
- (13) $-\text{CO}_2(\text{CR}^e\text{R}^f)_n\text{CONR}^e\text{R}^f$,
- (14) $-\text{OC}(\text{O})\text{R}^c$,
- (15) $-\text{CN}$,
- (16) $-\text{C}(\text{O})\text{NR}^e\text{R}^f$,
- (17) $-\text{NR}^d\text{C}(\text{O})\text{R}^c$,
- (18) $-\text{NR}^d\text{C}(\text{O})\text{OR}^e$,
- (19) $-\text{NR}^d\text{C}(\text{O})\text{NR}^d\text{R}^e$,
- (20) $-\text{CR}^d(\text{N}-\text{OR}^e)$,
- (21) CF_3 ,
- (22) $-\text{OCF}_3$,
- (23) $\text{C}_3\text{-8cycloalkyl}$, and
- (24) cycloheteroalkyl;

each R^b is independently selected from:

- (1) R^a ,

- (2) C₁₋₁₀alkyl,
- (3) aryl,
- (4) arylC₁₋₄alkyl,
- (5) heteroaryl, and
- (6) heteroarylC₁₋₄alkyl,

wherein each aryl and heteroaryl is unsubstituted or substituted with one or two R^h substituents;

each R^c is independently selected from:

- (1) hydrogen,
- (2) C₁₋₆alkyl,
- (3) C₁₋₇ perfluoromethyl,
- (4) cycloalkyl,
- (5) cycloheteroalkyl,
- (6) cycloheteroalkylC₁₋₃ alkyl,
- (7) phenyl,
- (8) phenylC₁₋₃ alkyl,
- (9) heteroaryl,
- (10) heteroarylC₁₋₃ alkyl, and
- (11) -NR^dR^d;

wherein alkyl, cycloalkyl, cycloheteroalkyl, phenyl, and heteroaryl may be substituted with an R^h substituent and alkyl, cycloalkyl, cycloheteroalkyl may be substituted on a carbon or sulfur atom with one or two oxo substituents,

each R^d is independently selected from hydrogen, C₁₋₁₀alkyl, C₁₋₁₀alkylsulfonyl, arylsulfonyl and C₁₋₁₀alkylcarbonyl-, wherein the alkyl may be unsubstituted or substituted with one, two or three substituents independently selected from R^h;

R^e and R^f are independently selected from hydrogen, C₁₋₁₀alkyl, C₂₋₁₀ alkenyl, C₂₋₁₀alkynyl, trifluoromethyl, cycloalkyl, cycloalkyl-C₁₋₁₀ alkyl, cycloheteroalkyl, cycloheteroalkyl-C₁₋₁₀ alkyl, aryl, heteroaryl, aryl-C₁₋₁₀ alkyl, and heteroaryl-C₁₋₁₀ alkyl at each occurrence; or

when bonded to the same atom, R^e and R^f together with the atom to which they are attached form a ring of 5 to 7 members containing 0, 1, or 2 heteroatoms independently selected from oxygen, sulfur and nitrogen; and

each R^e and R^f may be unsubstituted or substituted on a carbon or nitrogen atom with one, two or three substituents selected from R^h;

R^g is selected from:

- (1) C₁₋₁₀alkyl,

- (2) C₁₋₁₀alkylcarbonyl-,
- (3) aryl,
- (4) arylcarbonyl,
- (5) C₁₋₁₀alkylsulfonyl, and
- (6) arylsulfonyl,

wherein each alkyl may be unsubstituted or substituted with one, two or three R^a substituents, and each aryl may be unsubstituted or substituted with one, two or three R^b substituents; each R^h is independently selected from:

- (1) halogen,
- (2) C₁₋₁₀alkyl,
- (3) C₃₋₈cycloalkyl,
- (4) cycloheteroalkyl,
- (5) aryl,
- (6) arylC₁₋₄alkyl,
- (7) heteroaryl,
- (8) heteroarylC₁₋₄alkyl,
- (9) -OR^e,
- (10) -NR^dS(O)_mR^e,
- (11) -S(O)_mR^c,
- (12) -SR^e,
- (13) -S(O)₂OR^e,
- (14) -NR^eR^e,
- (15) -O(CR^dR^d)_nNR^eR^f,
- (16) -C(O)R^c,
- (17) -CO₂R^e,
- (18) -CO₂(CR^dR^d)_nCONR^eR^f,
- (19) -OC(O)R^e,
- (20) -CN,
- (21) -C(O)NR^eR^f,
- (22) -NR^dC(O)R^e,
- (23) -OC(O)NR^eR^f,
- (24) -NR^dC(O)OR^e,
- (25) -NR^dC(O)NR^eR^f, and
- (26) CF₃,

and pharmaceutically acceptable salts thereof.

Claim 10. (original) The compound according to Claim 2, selected from:

- (1) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](phenyl)methanone,
- (2) *N*-[2-benzoyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (3) 1-[3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl]ethanone,
- (4) *N*-[2-acetyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (5) *N*-[2-acetyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]-*N*-(methylsulfonyl)methanesulfonamide,
- (6) ethyl 3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridine-2-carboxylate,
- (7) ethyl 3-(acetylamino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridine-2-carboxylate,
- (8) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(piperidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (9) *N*-{5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-[(4-methylpiperazin-1-yl)carbonyl]furo[2,3-*b*]pyridin-3-yl}acetamide,
- (10) 3-(acetylamino)-5-(4-chlorophenyl)-*N*-cyclopropyl-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridine-2-carboxamide,
- (11) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyrrolidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (12) 1-[3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (13) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (14) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](pyridin-3-yl)methanone,
- (15) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](3,4-difluorophenyl)methanone,
- (16) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](3,4-difluorophenyl)methanone,
- (17) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyridin-3-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-2,2-dimethylpropanamide,
- (18) methyl 5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyridin-3-ylcarbonyl) furo[2,3-*b*]pyridin-3-ylcarbamate,
- (19) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo [2,3-*b*]pyridin-3-yl]sulfamide,

- (20) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo [2,3-*b*]pyridin-3-yl]methanesulfonamide,
 - (21) *N*-[2-(2-azabicyclo[2.2.2]oct-2-ylcarbonyl)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
 - (22) *N'*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyridin-3-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-*N,N*-dimethylurea,
 - (23) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyridin-3-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-2,2,2-trifluoroacetamide,
 - (24) 1-[3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl] propan-1-one,
 - (25) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2,2,2-trifluoroacetamide,
 - (26) 1-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-3-(methylamino)furo[2,3-*b*] pyridin-2-yl]-2,2-dimethylpropan-1-one,
 - (27) 1-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-3-(dimethylamino)furo[2,3-*b*] pyridin-2-yl]-2,2-dimethylpropan-1-one,
 - (28) [5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-3-(dimethylamino)furo[2,3-*b*] pyridin-2-yl](pyridin-3-yl)methanone,
 - (29) 3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridine-2-carbonitrile,
 - (30) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl) furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
 - (31) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl) furo[2,3-*b*]pyridin-3-yl]acetamide,
 - (32) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- and pharmaceutically acceptable salts thereof.

Claim 11. (original) The compound according to Claim 2, selected from:

- (1) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](phenyl)methanone,
- (2) *N*-[2-benzoyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (3) 1-[3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl]ethanone,
- (4) *N*-[2-acetyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (5) *N*-[2-acetyl-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]-*N*-(methylsulfonyl)methanesulfonamide,

- (6) ethyl 3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridine-2-carboxylate,
- (7) ethyl 3-(acetylamino)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridine-2-carboxylate,
- (8) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(piperidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (9) *N*-{5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-[(4-methylpiperazin-1-yl)carbonyl]furo[2,3-*b*]pyridin-3-yl}acetamide,
- (10) 3-(acetylamino)-5-(4-chlorophenyl)-*N*-cyclopropyl-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridine-2-carboxamide,
- (11) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyrrolidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (12) 1-[3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (13) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (14) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](pyridin-3-yl)methanone,
- (15) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](3,4-difluorophenyl)methanone,
- (16) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](3,4-difluorophenyl)methanone,
- (17) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyridin-3-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-2,2-dimethylpropanamide,
- (18) methyl 5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyridin-3-ylcarbonyl) furo[2,3-*b*]pyridin-3-ylcarbamate,
- (19) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo [2,3-*b*]pyridin-3-yl]sulfamide,
- (20) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo [2,3-*b*]pyridin-3-yl]methanesulfonamide,
- (21) *N*-[2-(2-azabicyclo[2.2.2]oct-2-ylcarbonyl)-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (22) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyridin-3-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-*N,N*-dimethylurea,
- (23) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(pyridin-3-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-2,2,2-trifluoroacetamide,

- (24) 1-[3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl] propan-1-one,
- (25) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2,2,2-trifluoroacetamide,
- (26) 1-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-3-(methylamino)furo[2,3-*b*] pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (27) 1-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-3-(dimethylamino)furo[2,3-*b*] pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (28) [5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-3-(dimethylamino)furo[2,3-*b*] pyridin-2-yl](pyridin-3-yl)methanone,
- (29) 3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridine-2-carbonitrile, and pharmaceutically acceptable salts thereof.

Claim 12. (currently amended) The compound according to Claim 1 selected from:

- (1) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]butanamide,
- (2) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]pentanamide,
- (3) ethyl 5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-3-[(trifluoroacetyl)amino]furo[2,3-*b*]pyridine-2-carboxylate,
- (4) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(piperidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-2,2,2-trifluoroacetamide,
- (5) 5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(piperidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-amine,
- (6) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-methoxyacetamide,
- (7) *N*'-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N,N*-dimethylurea,
- (8) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]morpholine-4-carboxamide,
- (9) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*'-ethylurea,
- (10) 2-{[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]amino}-2-oxoethyl acetate,
- (11) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,

- (12) 1-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-3-(ethylamino)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (13) 1-[3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2-methylpropan-1-one,
- (14) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](cyclopropyl)methanone,
- (15) [3-amino-5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-2-yl](cyclobutyl)methanone,
- (16) *N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- (17) *N*-[5-(4-chlorophenyl)-2-(cyclobutylcarbonyl)-6-(2,4-dichlorophenyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- (18) 4-chloro-*N*-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]butanamide,
- (19) 1-[5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]pyrrolidin-2-one,
- (20) 5-(4-chlorophenyl)-6-(2,4-dichlorophenyl)-2-(3,4-difluorophenyl)furo[2,3-*b*]pyridin-3-ol,
- (21) 1-[3-amino-6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (22) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (23) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-methoxyacetamide,
- (24) 2-{[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]amino}-2-oxoethyl acetate,
- (25) *N'*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N,N*-dimethylurea,
- (26) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]methanesulfonamide,
- (27) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]morpholine-4-carboxamide,
- (28) 2-chloro-*N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (29) (1*S*)-2-{[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]amino}-1-methyl-2-oxoethyl acetate,

- (30) ethyl [6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]carbamate,
- (31) ethyl {[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]amino}(oxo)acetate,
- (32) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-1-(trifluoroacetyl)-(*S*)-prolinamide,
- (33) 3-chloro-*N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]propane-1-sulfonamide,
- (34) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(dimethylamino)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (35) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(ethylamino)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (36) *N'*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N,N*-dimethylimidoforamide,
- (37) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (38) *tert*-butyl [6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]carbamate,
- (39) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]pyrrolidine-2,5-dione,
- (40) 4-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]morpholine-3,5-dione,
- (41) 3-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-3-azabicyclo[3.1.0]hexane-2,4-dione,
- (42) (3*S*)-1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-3-hydroxypyrrolidine-2,5-dione,
- (43) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*-methylacetamide,
- (44) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- (45) *N*¹-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]glycinamide,
- (46) *N*¹-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*²-methylglycinamide,
- (47) *N*¹-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*²,*N*²-dimethylglycinamide,

- (48) (2*S*)-*N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl) furo[2,3-*b*]pyridin-3-yl]-2-hydroxypropanamide,
- (49) ethyl allyl[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]carbamate,
- (50) ethyl [6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl) furo[2,3-*b*]pyridin-3-yl][2-(dimethylamino)ethyl]carbamate,
- (51) 1-[3-(allylamino)-6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (52) 1-(6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-{[2-(dimethylamino)ethyl] amino} furo[2,3-*b*]pyridin-2-yl)-2,2-dimethylpropan-1-one,
- (53) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*L*-prolinamide,
- (54) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(1,1-dioxidoisothiazolidin-2-yl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (55) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-3-methylimidazolidin-2-one,
- (56) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl) furo[2,3-*b*]pyridin-3-yl]-3-methylimidazolidine-2,4-dione,
- (57) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-4-methylpiperazine-2,3-dione,
- (58) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-4-methylpiperazine-2,5-dione,
- (59) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-hydroxyfuro[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (60) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-methylfuro[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (61) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridine-3-carbaldehyde,
- (62) methyl 6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridine-3-carboxylate,
- (63) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)-*N,N*-diethylfuro[2,3-*b*]pyridine-3-carboxamide,
- (64) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(4*H*-1,2,4-triazol-4-yl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (65) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,

- (66) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(pyridin-2-ylamino)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (67) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(pyrimidin-2-ylamino)-furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (68) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(pyrimidin-5-ylamino)-furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (69) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(pyridin-3-ylamino)-furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (70) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(pyridin-4-ylamino)-furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (71) 1-[3-amino-6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2-hydroxy-2-methylpropan-1-one,
- (72) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]cyclopropanecarboxamide,
- (73) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-methylpropanamide,
- (74) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-3-methylbutanamide,
- (75) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]butanamide,
- (76) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]propanamide,
- (77) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-methoxyacetamide,
- (78) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxy-2-methylpropanamide,
- (79) 4-chloro-*N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]butanamide,
- (80) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]pyrrolidin-2-one,
- (81) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]sulfamide,
- (82) 2-chloro-*N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (83) *N*¹-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*²-methylglycinamide,

- (84) *N*²-acetyl-*N*¹-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*²-methylglycinamide,
- (85) 2-azetidin-1-yl-*N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (86) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-(1*H*-imidazol-1-yl)acetamide,
- (87) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]pyrrolidine-2,5-dione,
- (88) methyl 3-{[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]amino}-3-oxopropanoate,
- (89) *N*²-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*¹,*N*¹-dimethylglycinamide,
- (90) ethyl [6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]carbamate,
- (91) *N*'-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N,N*-dimethylethanedi-
amide,
- (92) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*'-methylethanedi-
amide,
- (93) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*-(2-hydroxyethyl)ethanedi-
amide,
- (94) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*'-ethylethanedi-
amide,
- (95) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-oxo-2-pyrrolidin-1-ylacetamide,
- (96) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*'-ethylurea,
- (97) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]morpholine-4-carboxamide,
- (98) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]pyrrolidine-1-carboxamide,
- (99) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(methylamino)furo[2,3-*b*]pyridin-2-yl]-2-hydroxy-2-methylpropan-1-one,
- (100) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]imidazolidine-2,4-dione,
- (101) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-3-methylimidazolidin-2-one,

- (102) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-3-methylimidazolidine-2,4-dione,
- (103) 3-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-1,3-oxazolidin-2-one,
- (104) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-*N*',2,2-trimethylmalonamide,
- (105) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-(*S*)-prolinamide,
- (106) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(1,1-dioxidoisothiazolidin-2-yl)furo[2,3-*b*]pyridin-2-yl]-2-hydroxy-2-methylpropan-1-one,
- (107) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2,2-dimethylmalonamide,
- (108) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-methylfuro[2,3-*b*]pyridin-2-yl]-2-hydroxy-2-methylpropan-1-one,
- (109) 1-[3-amino-6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2-methylpropan-1-one,
- (110) 2-{{[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]amino}-2-oxoethyl acetate,
- (111) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- (112) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]-2-hydroxy-*N*-methylacetamide,
- (113) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]acetamide,
- (114) 4-chloro-*N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]butanamide,
- (115) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]pyrrolidin-2-one,
- (116) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]-*N*-methylacetamide,
- (117) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]pyrrolidine-2,5-dione,
- (118) 4-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]morpholine-3,5-dione,
- (119) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]methanesulfonamide,

- (120) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]imidazolidine-2,4-dione,
- (121) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]urea,
- (122) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]piperidine-2,6-dione,
- (123) 3-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]-3-azabicyclo[3.1.0]hexane-2,4-dione,
- (124) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(1,1-dioxidoisothiazolidin-2-yl)furo[2,3-*b*]pyridin-2-yl]-2-methylpropan-1-one,
- (125) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-isobutyrylfuro[2,3-*b*]pyridin-3-yl]-*N*-methylmethanesulfonamide,
- (126) [3-amino-6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl](pyridin-3-yl)methanone,
- (127) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(pyridin-3-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- (128) [3-amino-6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl](2-furyl)-methanone,
- (129) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-furoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (130) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(2-furoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (131) 2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-3-amine,
- (132) *N*-[2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-furo[2,3-*b*]pyridin-3-yl]methanesulfonamide,
- (133) *N*-[2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-furo[2,3-*b*]pyridin-3-yl]acetamide,
- (134) *N*-[2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-furo[2,3-*b*]pyridin-3-yl]acetamide,
- (135) 2-{[2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-furo[2,3-*b*]pyridin-3-yl]amino}-2-oxoethyl acetate,
- (136) *N*-[2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- (137) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(methylsulfonyl)-furo[2,3-*b*]pyridin-3-yl]pyrrolidine-2,5-dione,
- (138) *N*-[2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-furo[2,3-*b*]pyridin-3-yl]-*N*-methylmethanesulfonamide,

- (139) *N*-[2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-furo[2,3-*b*]pyridin-3-yl]-*N*-methylacetamide,
- (140) 1-[2-(*tert*-butylsulfonyl)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-furo[2,3-*b*]pyridin-3-yl]imidazolidine-2,4-dione,
- (141) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(phenylsulfonyl)furo[2,3-*b*]pyridin-3-amine,
- (142) 2-{[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(phenylsulfonyl)furo[2,3-*b*]pyridin-3-yl]amino}-2-oxoethyl acetate,
- (143) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(phenylsulfonyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- (144) 2-chloro-*N*-({[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(phenylsulfonyl)furo[2,3-*b*]pyridin-3-yl]amino}carbonyl)acetamide,
- (145) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(phenylsulfonyl)furo[2,3-*b*]pyridin-3-yl]imidazolidine-2,4-dione,
- (146) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(methylsulfonyl)furo[2,3-*b*]pyridin-3-amine,
- (147) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(methylsulfonyl)-furo[2,3-*b*]pyridine-3-yl]acetamide,
- (148) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(methylsulfonyl)-furo[2,3-*b*]pyridin-3-yl]butanamide,
- (149) ethyl 3-amino-6-(2-chlorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridine-2-carboxylate,
- (150) ethyl 6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-[(trifluoroacetyl)amino]furo[2,3-*b*]pyridine-2-carboxylate,
- (151) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-*N,N*-diethyl-3-[(trifluoroacetyl)amino]furo[2,3-*b*]pyridine-2-carboxamide,
- (152) 3-amino-6-(2-chlorophenyl)-5-(4-chlorophenyl)-*N,N*-diethylfuro[2,3-*b*]pyridine-2-carboxamide,
- (153) 3-(acetylamino)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-*N,N*-diethylfuro[2,3-*b*]pyridine-2-carboxamide,
- (154) 3-(acetylamino)-6-(2-chlorophenyl)-5-(4-chlorophenyl)-*N*-ethyl-*N*-methylfuro[2,3-*b*]pyridine-2-carboxamide,
- (155) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(piperidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-amine,
- (156) *N*-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(piperidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (157) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-*N,N*-diethyl-3-(glycoloylamino)furo[2,3-*b*]pyridine-2-carboxamide,

- (158) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(glycoloylamino)-*N,N*-dimethylfuro[2,3-*b*]pyridine-2-carboxamide,
- (159) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(pyrrolidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-amine,
- (160) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(pyrrolidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]pyrrolidine-2,5-dione,
- (161) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-2-(pyrrolidin-1-ylcarbonyl)furo[2,3-*b*]pyridin-3-yl]-3-methylimidazolidine-2,4-dione,
- (162) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(2,4-dioxoimidazolidin-1-yl)-*N,N*-diethylfuro[2,3-*b*]pyridine-2-carboxamide,
- (163) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-*N,N*-diethyl-3-[(methylsulfonyl)amino]furo[2,3-*b*]pyridine-2-carboxamide,
- (164) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-*N,N*-diethyl-3-[(propylsulfonyl)amino]furo[2,3-*b*]pyridine-2-carboxamide,
- (165) 6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(2,5-dioxopyrrolidin-1-yl)-*N,N*-diethylfuro[2,3-*b*]pyridine-2-carboxamide,
- (166) 1-[6-(2-chlorophenyl)-5-(4-chlorophenyl)-3-(1-methyl-1*H*-imidazol-2-yl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (167) 4-[3-amino-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-6-yl]-3-chlorobenzonitrile,
- (168) *N*-[6-(2-chloro-4-cyanophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (169) 3-[3-amino-6-(2,4-dichlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-5-yl]benzonitrile,
- (170) 4-[3-amino-6-(2-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-5-yl]benzonitrile,
- (171) *N*-[6-(2-chlorophenyl)-5-(4-cyanophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (172) 1-[3-amino-6-(1,3-benzodioxol-5-yl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (173) 1-[3-amino-6-(2-chloro-4-fluorophenyl)-5-(4-chlorophenyl)furo[2,3-*b*]pyridin-2-yl]-2,2-dimethylpropan-1-one,
- (174) *N*-[6-(2-chloro-4-fluorophenyl)-5-(4-chlorophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-methoxyacetamide,
- (175) *N*-[6-(2-chloro-4-fluorophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,

- (176) *N*-[5-(4-chlorophenyl)-6-(2-cyanophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (177) *N*-[5-(4-chlorophenyl)-6-(2-cyanophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (178) *N*-[5-(4-chlorophenyl)-6-(2-cyanophenyl)-2-(2,2-dimethylpropanoyl)furo[2,3-*b*]pyridin-3-yl]-2-hydroxyacetamide,
- (179) *N*-[6-(4-chloro-2-cyanophenyl)-5-(4-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (180) *N*-[6-(2-chlorophenyl)-2-(2-hydroxy-2-methylpropanoyl)-5-(4-methoxyphenyl)furo[2,3-*b*]pyridin-3-yl]acetamide,
- (181) *N*-[6-(2-chlorophenyl)-2-(2,2-dimethylpropanoyl)-5-(4-methoxyphenyl)furo[2,3-*b*]pyridin-3-yl]acetamide, and pharmaceutically acceptable salts thereof.

Claim 13. (original) A method of treating a disease mediated by the Cannabinoid-1 receptor comprising administration to a patient in need of such treatment of a therapeutically effective amount of a compound according to Claim 1.

Claim 14. (original) The method according to Claim 13 wherein the disease mediated by the Cannabinoid-1 receptor is selected from: psychosis, memory deficit, cognitive disorders, migraine, neuropathy, neuro-inflammatory disorders, cerebral vascular accidents, head trauma, anxiety disorders, stress, epilepsy, Parkinson's disease, schizophrenia, substance abuse disorders, constipation, chronic intestinal pseudo-obstruction, cirrhosis of the liver, asthma, obesity, and other eating disorders associated with excessive food intake.

Claim 15. (original) The method according to Claim 14 wherein the disease mediated by the Cannabinoid-1 receptor is an eating disorder associated with excessive food intake.

Claim 16. (original) The method according to Claim 15 wherein the eating disorder associated with excessive food intake is selected from obesity, bulimia nervosa, and compulsive eating disorders.

Claim 17. (original) The method according to Claim 16 wherein the eating disorder associated with excessive food intake is obesity.

Claim 18. (original) A method of preventing obesity in a person at risk for obesity comprising administration to said person of about 0.001 mg to about 100 mg per kg of a compound according to Claim 1.

Claim 19. (original) A composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier.

Claims 20 to 25. (cancelled).